



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7511P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

64137-13

Date of Issuance:

09/08/2016

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Prestop (WG)

Name and Address of Registrant (include ZIP Code):

Danstar Ferment AG  
 Poststrasse 30  
 CH-6300 Zug, Switzerland

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

Jeannine Kausch, Acting Product Manager 92  
 Microbial Pesticides Branch  
 Biopesticides and Pollution Prevention Division (7511P)  
 Office of Pesticide Programs

Date:

09/08/2016

2. Be aware that proposed data requirements have been identified in a Final Work Plan. For more information on these proposed data requirements, you may contact the Product Manager for microbial pesticides: <https://www.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-biopesticides-and-pollution-prevention>.
3. Submit storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.
4. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 64137-13.”
5. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these conditions. If you fail to satisfy these data requirements, the EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 07/22/2016

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EPA Reg. No. 64137-13  
OPP Decision No. 512307

If you have any questions, please contact Nicola Steinmetz by phone at (703) 347-8567 or via email at [steinmetz.nicola@epa.gov](mailto:steinmetz.nicola@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'JKausch', with several overlapping strokes and a long horizontal tail.

Jeannine Kausch, Acting Product Manager 92  
Microbial Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

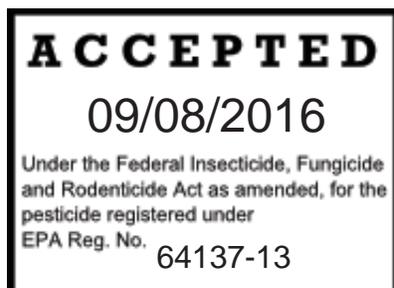
**MASTER LABEL**

**PRESTOP® (WG)**

<b>Sublabel A: Agricultural, Turf and Ornamental Uses</b>
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<b>Sublabel B: Home &amp; Garden Use</b>
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EPA Registration No. (pending as File Symbol 64137-RG)



**Sublabel A: Agricultural , Turf and Ornamental Uses**

# PRESTOP® (WG)

 (For Organic Production) (For Use in Organic Production) (For Use in Organic Lawn Care)  
(Can be used in organic production) (Can be used for organic lawn care) (OMRI Listed™ (logo) placeholder)

**Active Ingredient:** *Gliocladium catenulatum* Strain J1446\* ..... 93%  
**Other Ingredients:** ..... 7%  
**Total:** ..... 100%

\* Contains a minimum of 1 X 10<sup>9</sup> cfu/g.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

FIRST AID	
<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call poison control center or doctor immediately for treatment advice,</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>HOT LINE NUMBER</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	

**EPA Reg. No.:** (pending as File Symbol 64137-RG)

**EPA Est. No.:** XXXXX-XX-XXX

**Net Weight:** XX

**(Batch)(Lot) No:** XXXX

**(Use Before:** *Not for sale or use after [Date stamped/place on label 12 months from the date of manufacture]*)

**Manufactured for:**

Danstar Ferment AG  
Poststrasse 30  
Zug CH-6300 Switzerland

**Marketing Company:**

Lallemand Specialties Inc.  
6120 West Douglas Avenue  
Milwaukee, MN 53218  
United States  
www.lallemand.com



**LALLEMAND PLANT CARE**

## PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION:** Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

## PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- waterproof gloves
- shoes plus socks

Mixer/loaders and applicators must wear a NIOSH approved particulate respirator with any N, R, or P filter with NIOSH approval number prefix TC-84A; or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS:** When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**IMPORTANT:** When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

## USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS:** For terrestrial uses - Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

## Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It

contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water) is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

**EXCEPTION:** If the product is soil incorporated or soil injected, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

#### **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are **not** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

#### **USE INSTRUCTIONS**

Apply Prestop (WG) by spraying or drenching the growth substrate, as a foliar spray, or incorporated into the growth substrate as an aqueous suspension.

**Tank Mixes:** Do not tank mix Prestop (WG) with any pesticides or concentrated fertilizers.

**Integrated Pest Control Programs:** Prestop (WG) can be used in integrated pest control programs. Always check the compatibility of Prestop (WG) with other Biological Fungicides or chemical pesticides with the local distributor. Do not apply chemical pesticides within 1 to 4 days of Prestop (WG) application except for propamocarb hydrochloride, triadimefon, deltamethrin, malathion, metalaxyl, primicarb and pyrethrins; these may be applied on the same day as Prestop (WG).

#### **PRODUCT INFORMATION**

Prestop (WG) controls seed-borne and soil-borne plant diseases such as damping-off, root and stem rot, and wilt caused by *Alternaria*, *Bipolaris*, *Botrytis*, *Cladosporium*, *Colletotrichum*, *Fusarium*, *Mycosphaerella*, *Penicillium*, *Phytophthora*, *Plasmodiophora*, *Plicaria*, *Pyrenochaeta*, *Pythium*, *Rhizoctonia*, *Sclerotinia* and *Verticillium*, certain storage diseases caused by *Helminthosporium* and *Rhizoctonia*, and foliar diseases like grapevine trunk diseases (several pathogens) as well as diseases caused by *Alternaria*, *Anthraco*se (*Colletotrichum*) *Bipolaris*, *Botrytis*, *Cladosporium*, *Didymella*, *Fusarium*, *Monilinia*, *Mycosphaerella*, *Penicillium* and *Sclerotinia* on greenhouse or field grown vegetables, herbs, ornamentals, berries, cereals, legumes, pome and stone fruits, nut trees, tree and forest seedlings and turf. Prestop (WG) also suppresses powdery mildew symptoms on these greenhouse or field grown crops.

Use Prestop (WG) on following agricultural grown crops in greenhouses or outdoors:

### **VEGETABLES**

#### **Fruiting, Leafy, Root Crop and Seed/Pod Vegetables including, but not limited to:**

Artichokes	Cucumbers	Parsnips
Asparagus	Eggplant	Peas
Beans	Endive	Peppers
Beets	Garlic	Potatoes
Broccoli	Horseradish	Pumpkins
Brussels Sprouts	Kale	Radishes
Cabbage	Kohlrabi	Rutabagas
Carrots	Leeks	Spinach
Cauliflower	Lentils	Squash
Celery	Lettuce	Strawberries
Chicory	Melons	Tomatoes
Chinese Cabbage	New Zealand Spinach	Turnips
Corn	Onions	Watermelons

#### **BERRIES including, but not limited to:**

Blueberries	Grapevine
Cane berries	Strawberries

#### **POME AND STONE FRUITS including, but not limited to:**

Apples	Citrus	Peaches
Apricots	Pears	Plums
Cherries		

#### **HERBS AND SPICES including but not limited to:**

Aniseed	Ginseng	Rosemary
Basil	Lavender	Sage
Caraway	Marjoram	Savory
Chives	Oregano	Thyme
Dill	Parsley	Watercress
Fennel		

### **ORNAMENTALS**

#### **Flowers, Foliage and Potted, Bedding and Seedling Plants including, but not limited to:**

Achillea	Delphinium	Monarda
African Violet	Dianthus	Nigella
Ageratum	Dieffenbachia	Pansy
Alyssum	Freesia	Pelargonium
Amaryllis	Fuchsia	Petunias
Anemone	Gaillardia	Phlox
Anthurium	Gazania	Poinsettia
Aster	Geraniums	Poppy
Azalea	Gerbera	Primrose
Begonias	Gladiolus	Rhododendron
Calceolaria	Gloxinia	Rose
Campanula	Gypsophila	Rudbeckia
Carnation	Hedera	Salvia

Centaurea	Hyacinth	Senecio
Cerastium	Impatiens	Sinningia
Chrysanthemum	Iris	Statice
Cineraria	Kalanchoe	Sweet Pea
Coleus	Liatris	Tulips
Cyclamen	Lilies	Verbena
Daffodils	Lobelia	Vinca
Dahlia	Marigolds	Zinnia
Daisy	Matthiola	

**LEGUMES, CEREALS AND OIL SEED CROPS including, but not limited to:**

Alfalfa	Canola	Soybeans
Barley	Peanuts	Wheat

**NUT TREES including, but not limited to:**

Almonds	Chestnut	Pecans
Cashew	Coconut	Walnuts

**TOBACCO**

**TREES AND SHRUB SEEDLINGS including, but not limited to:**

Birch	Juniper	Spruce
Forest Trees	Pine	Vine Crops
Fruit Trees	Shrubs	Woody Ornamentals

**TURF including, but not limited to:**

Turf, grown for seed and sod	Sod farms
Turf, greens	Lawns

**PREPARING AN AQUEOUS SUSPENSION OF Prestop (WG)**

To prepare an aqueous suspension of Prestop (WG), mix product in a small volume of water such as 1/2 gallon (0.35 oz. of Prestop (WG) per 1/2 gallon of water). For better results, let the suspension stand 30 minutes. Agitate sufficiently to evenly disperse product before diluting to final volume. Apply the aqueous suspension as a drench or spray or via drip irrigation or incorporation in potting media. Use the aqueous suspension within 1 day of preparation. Examples of mixing ratios of Prestop (WG) with water are as follows:

Concentration of PRESTOP (WG) Suspension	Ounces (oz) of PRESTOP (WG)	Gallons of Water	Grams (g) of PRESTOP (WG)	Liters (L) of Water
0.01%	0.33	25	10	100
0.05%		5		20
0.1%		2.5		10
0.25%		1		4

**INCORPORATION IN POTTING MEDIA**

Incorporation of Prestop (WG) in potting media for vegetables, herbs, ornamentals and tree or forest seedlings grown in greenhouses or indoors. Mix Prestop (WG) in potting mixture at

sowing, potting or transplanting as an aqueous suspension at the rate of 0.54 – 1.35 oz. of Prestop (WG) per cubic yard of growth substrate (i.e. 0.02 – 0.05 grams of Prestop (WG) per 1 liter of growth substrate).

When incorporating Prestop (WG) as an aqueous suspension, mix 0.33 oz. of product per 5 gallon of water (0.05% suspension). Use 8.1 – 20.4 gallons of 0.05% Prestop (WG) suspension per cubic yard of growth substrate (i.e. 0.02 – 0.05 grams of Prestop (WG) per liter of growth substrate).

Use the higher rate for higher disease pressure. It is important to evenly incorporate Prestop (WG) to assure best performance. Store potting media containing Prestop (WG) below 77°F (25°C) and use within 3 weeks after preparation. Incorporation of Prestop (WG) may be followed with a drench application within 3 – 6 weeks or sooner depending on disease pressure and new plant growth.

### HYDROPONIC APPLICATIONS

Apply Prestop (WG) in hydroponic NFT, ebb-and-flow and rockwool applications according to following rates:

- NFT and ebb-and-flow application: 0.09 oz Prestop (WG) per 1000 plants, 0.002 oz/100 sq. ft. (i.e. 2.5 grams Prestop (WG) per 1000 plants, 0.05 kg/ha).
- Rockwool: 0.7 - 0.9 oz Prestop (WG) per 1000 plants, 0.013-0.016 oz/100 sq. ft. (i.e. 20-25 g/1000 plants, 0.4-0.5 kg/ha).
- Repeated hydroponic applications may be done within 3 – 6 weeks or sooner depending on disease pressure and new plant growth.

### SOIL DRENCH APPLICATIONS

Use a 0.01 – 0.1% Prestop (WG) suspension (0.033-0.33 oz. of PRESTOP (WG) per 2.5 gallons of water) for soil drench applications. Refer to the above table for mixing ratios

**Seedling Trays or Beds less than 4 inches deep (Recommended Rate per Area):** Drench seedling trays or beds with Prestop (WG) at the rate of 0.35 oz. of Prestop (WG)/100 sq. ft. (1 g/m<sup>2</sup>). Use a 0.05% Prestop (WG) suspension at 5 - 10 gal/100 sq. ft. Use the higher rate for higher crop density or higher disease pressure. For example, use 0.35 oz. of Prestop (WG)/5 gallons of water/50 sq. ft.

**Pots, Plugs or Rockwool Cubes (Recommended Rate per 100 Plants):** Drench crops grown in pots or rockwool cubes with Prestop (WG) using e.g. a 0.05 % suspension. Dose rate depends upon the root plug/ball size and disease pressure. Calculate the amount of Prestop (WG) per plant based on the following recommendation: 0.54 – 1.35 oz. of Prestop (WG) per cubic yard of growth substrate (i.e. 0.02 – 0.05 grams of Prestop (WG) per liter of growth substrate). Use the higher rate for bigger root volume and higher disease pressure. Refer to the following table for application rates on different pot or root plug sizes:

Pot Size (Root Volume)	Ounces of Prestop (WG) per 1000 plants (oz per 1000 plants)	0.05% Prestop (WG) Suspension (fl. oz. per 1000 plants)
0.5 fl. oz. (15 ml)	0.01 – 0.03	20 – 51
2.0 fl. oz. (60 ml)	0.04 – 0.11	81 – 203
4.0 fl. oz. (120 ml)	0.09 – 0.21	162 – 406
10 fl. oz. (295 ml)	0.21 – 0.52	399 – 997

17 fl. oz. (500 ml)	0.35 – 0.88	676 – 1690
34 fl. oz. (1 L)	0.71 – 1.76	1353 – 3381
4 pints (1.9 l)	1.35 – 3.34	2571 - 6424

**Timing of Treatments:** Apply the first drench treatment at sowing. Repeat treatment at transplanting or potting. Repeated drench applications may be done within 3 – 6 weeks or sooner depending on disease pressure and new plant growth.

### FOLIAR SPRAY

Spray or spread an aqueous suspension of Prestop (WG) on plant stems or foliar parts for control of *Alternaria*, *Anthracnose (Colletotrichum)*, *Bipolaris*, *Botrytis*, *Cladosporium*, *Didymella*, *Fusarium*, *Monilinia*, *Mycosphaerella*, *Penicillium*, *Sclerotinia* or grapevine trunk diseases (several pathogens). Use a water suspension of 0.33 oz. Prestop (WG) per 5 gallons water (0.05% suspension). Treat plants to the point of run-off using 0.05% Prestop (WG) suspension.

Use Prestop (WG) at 0.01-0.016 oz. / 100 sq. ft. for fogging applications of greenhouse grown crops such as vegetables, berries and ornamentals together with a minimum water volume of 0.005 gallon per 100 sq. ft. (equivalent to 0.3-0.5 kg Prestop (WG) / ha and min. water volume of 20 L/ha).

Repeat foliar spray / fogging every 3 – 6 weeks if necessary, or sooner depending on disease pressure and new plant growth.

**Surfactants** are not generally needed. A non-ionic surfactant may be used in combination with Prestop (WG) for crops with waxy / hard-to-wet leaf surfaces.

### TREATMENT OF CUTTINGS, BULBS OR TUBERS

Dip rooted cuttings in a suspension of 0.1 oz. Prestop (WG) in one gallon of water (0.075% suspension) or spray with the suspension after planting. Dip or spray bulbs and tubers with a 0.075% Prestop (WG) suspension before planting or storage.

### PREPARING AN AQUEOUS SUSPENSION OF Prestop (WG)

To prepare an aqueous suspension of Prestop (WG), mix product in a small volume of water such as 1/2 gallon (0.35 oz. of Prestop (WG) per 1/2 gallon of water). For better results, let the suspension stand 30 minutes. Agitate sufficiently to evenly disperse product before diluting to final volume. Apply the aqueous suspension as a drench or spray or via drip irrigation or incorporation in potting media. Use the aqueous suspension within 1 day of preparation. Examples of mixing ratios of Prestop (WG) with water are as follows:

Concentration of PRESTOP (WG) Suspension	Ounces (oz) of PRESTOP (WG)	Gallons of Water	Grams (g) of PRESTOP (WG)	Liters (L) of Water
0.01%	0.33	25	10	100
0.05%		5		20
0.1%		2.5		10
0.25%		1		4

## SOIL DRENCH APPLICATIONS

Use a 0.01 – 0.1% Prestop (WG) suspension (0.033 - 0.33 oz. of PRESTOP (WG) per 2.5 gallons of water) for soil drench applications. Refer to the above table for mixing ratios.

## FOLIAR SPRAY

Spray or spread an aqueous suspension of Prestop (WG) on plant stems or foliar parts for control of *Alternaria*, *Anthrachnose (Colletotrichum)* *Bipolaris*, *Botrytis*, *Cladosporium*, *Didymella*, *Fusarium*, *Monilinia*, *Mycosphaerella*, *Penicillium*, *Sclerotinia* or grapevine trunk diseases (several pathogens). Use a water suspension of 0.33 oz. Prestop (WG) per 5 gallons water (0.05% suspension). Treat plants to the point of run-off using 0.05% Prestop (WG) suspension.

Use Prestop (WG) at 0.01-0.016 oz. / 100 sq. ft. for fogging applications of greenhouse grown crops such as vegetables, berries and ornamentals together with a minimum water volume of 0.005 gallon per 100 sq. ft. (equivalent to 0.3-0.5 kg Prestop (WG) / ha and min. water volume of 20 L/ha).

Repeat foliar spray / fogging every 3 – 6 weeks if necessary, or sooner depending on disease pressure and new plant growth.

**Surfactants** are not generally needed. A non-ionic surfactant may be used in combination with Prestop (WG) for crops with waxy / hard-to-wet leaf surfaces.

## CHEMIGATION USE DIRECTIONS

### For Vegetable and Ornamental Crops -

- On an area basis, use Prestop (WG) at 0.08–0.16 oz. /100 sq. ft. (2.5 – 5 g/10 sq. meters).
- On an individual plant basis, use Prestop (WG) at 0.22 oz. per 250 plants.
- Use higher rate and more frequent application for large plants and pots, and for high disease pressure.
- Apply in sufficient amount of water to move into root zone. Repeat every 3 – 6 weeks as needed for disease control, or sooner depending on disease pressure and new plant growth.

### General Requirements -

- 1) Apply this product only through drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation system.
- 2) Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- 3) If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- 4) Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- 5) A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

### Specific Requirements for Chemigation Systems Connected to Public Water Systems -

- 1) Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- 2) Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the

water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

- 3) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 4) The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 5) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7) Do not apply when wind speed favors drift beyond the area intended for treatment.

#### **Specific Requirements for Drip (Trickle) Chemigation -**

- 1) The system must contain a functional check valve, vacuum relief valve and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- 2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 3) The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- 4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5) The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being filled with a system interlock.

#### **Application Instructions for All Types of Chemigation -**

- 1) Remove scale, pesticide residues, and other foreign matter from the chemical supply tank and entire injector system. Flush with clean water. Failure to provide a clean tank, void of scale or residues may cause product to lose effectiveness or strength.
- 2) Determine the treatment rates as indicated in the directions for use and make proper dilutions.
- 3) Prepare a solution in the chemical tank by filling the tank with the required water and then adding product as required. Utilize agitation to keep solution in suspension.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

**Pesticide Storage:** Prestop (WG) consists of living microbes that are packed in unit packages. Store unopened packages up to 12 months in a cool (below 41°F or 5°C), dry place and up to 2 weeks at room temperature (maximum 77°F or 25°C). Immediately use the entire package's content after opening.

**Pesticide Disposal:** To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

**Container Handling:** Non refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances. (For instances where state and local ordinances do allow burning): If burned, stay out of smoke.

### NOTICE TO USER

Lallemand Specialties Inc. warrants only that this product conforms to the product description on this label and is reasonably fit for the purposes set forth in the Directions for Use when used in accordance with them. However, ineffectiveness or other unintended consequences may result because of such factors as the use, storage or handling of the product contrary to the label instructions, all of which are beyond the control of Lallemand Specialties Inc. To the extent permitted by state law, Lallemand Specialties Inc. shall not be liable for indirect or consequential damages resulting from the use, storage or handling of this product. LALLEMAND SPECIALTIES INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

**Sublabel B: Home & Garden Use**

# PRESTOP® (WG)

 (For Use in Organic Gardening) (Can be used in organic gardening) (OMRI Listed™  
(logo) placeholder)

**Active Ingredient:** *Gliocladium catenulatum* Strain J1446\* ..... 93%  
**Other Ingredients:** ..... 7%  
**Total:** ..... 100%

\* Contains a minimum of 1 X 10<sup>9</sup> cfu/g.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

FIRST AID	
<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call poison control center or doctor immediately for treatment advice,</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	

**EPA Reg. No.:** (pending as File Symbol 64137-RG)

**EPA Est. No.:** XXXXX-XX-XXX

**Net Weight:** XX

**(Batch)(Lot) No:** XXXX

**(Use Before:** *Not for sale or use after [Date stamped/place on label 12 months from the date of manufacture]*)

**Manufactured for:**

Danstar Ferment AG  
Poststrasse 30  
Zug CH-6300 Switzerland

**Marketing Company:**

Lallemand Specialties Inc.  
6120 West Douglas Avenue  
Milwaukee, MN 53218  
United States  
www.lallemand.com



**LALLEMAND PLANT CARE**

## **PRECAUTIONARY STATEMENTS**

**Hazards to humans and domestic animals - CAUTION:** Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**Environmental Hazards:** To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

## **DIRECTIONS FOR USE**

It is a violation of Federal law to apply this product in a manner inconsistent with its labeling.

### **HOME AND GARDEN USE DIRECTIONS**

Prestop (WG) controls seed-borne and soil-borne plant diseases such as damping-off, root and stem rot, and wilt caused by *Alternaria*, *Bipolaris*, *Botrytis*, *Cladosporium*, *Colletotrichum*, *Fusarium*, *Mycosphaerella*, *Penicillium*, *Phytophthora*, *Plasmodiophora*, *Plicaria*, *Pyrenochaeta*, *Pythium*, *Rhizoctonia*, *Sclerotinia* and *Verticillium*, certain storage diseases caused by *Helminthosporium* and *Rhizoctonia*, and foliar diseases like grapevine trunk diseases (several pathogens) as well as diseases caused by *Alternaria*, *Anthraco*se (*Colletotrichum*) *Bipolaris*, *Botrytis*, *Cladosporium*, *Didymella*, *Fusarium*, *Monilinia*, *Mycosphaerella*, *Penicillium* and *Sclerotinia* as well as suppresses powdery mildew symptoms on bedding plants, annuals and perennials, home gardens, and ornamental trees and shrubs.

Prestop (WG) can be mixed with water and applied as a soil drench or foliar spray, or mixed into potting mix or applied dry in furrow.

### **WHEN TO USE**

For best results, apply Prestop (WG) at the time of planting and at the first sign of disease. Repeat applications every 3 – 6 weeks as needed, or sooner depending on disease pressure and new plant growth.

### **BEFORE YOU USE**

Read and follow these directions when using:

Do not allow spray to drift from application site.

Use only with pressurized hand-held sprayers or spray trigger bottles.

Prestop (WG) can be applied in commonly used pressurized hand-held sprayers, spray trigger bottles and hose-end sprayers.

### **HOW TO USE FOR HAND-HELD SPRAYERS AND SPRAY TRIGGER BOTTLES**

Fill sprayer or bottle with appropriate amount of water and concentrate.

Leave the suspension standing for half an hour.

Mix the spray solution thoroughly.

Keep the spray solution agitated during application.

## HOW TO USE FOR HOSE-END SPRAYERS

Follow hose-end sprayer instructions to determine how to fill, set dial, clean and disconnect from hose. Set dial on sprayer to deliver rate as directed below.

## HOW MUCH TO USE FOR ALL APPLICATIONS

Use 1 teaspoon of Prestop (WG) per gallon of water

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Store in a cool, dry place. Avoid overheating.

**Pesticide Disposal and Container Handling: If empty:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash and offer for recycling if available. **If partially filled:** Call your local solid waste agency or (800) 858-7378 (National Pesticide Information Center) for disposal instructions. Never place unused product down any indoor or outdoor drain.

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